

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-107
Super 4-1-68
Effective 1-1-68

All distances must be from the outer boundaries of the Section

Operator Phillips Petroleum Company			Lease Hat Mesa		Well No. 1
Unit Letter G	Section 11	Township T-21-S	Range R-32-E	County Lea	

Actual Footage Location of Well:

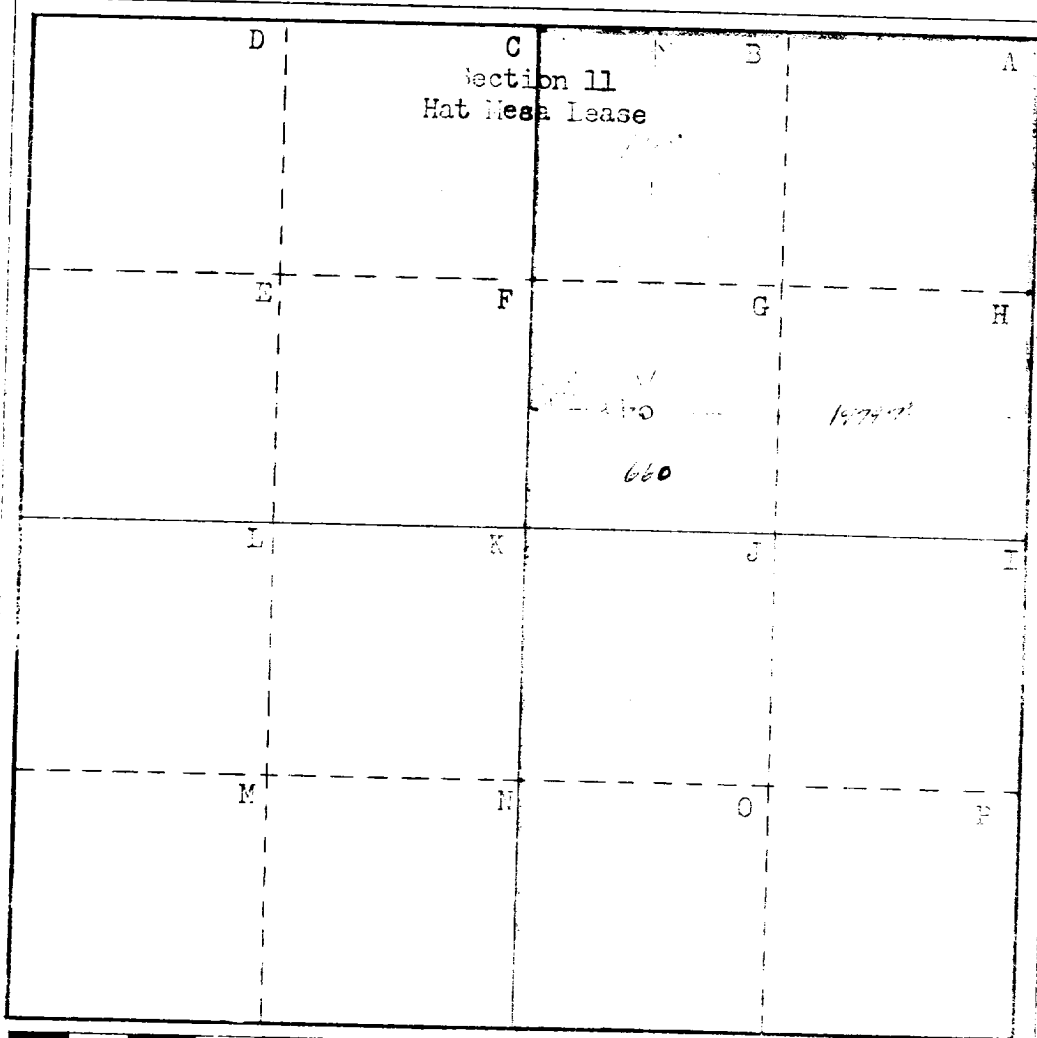
1940 feet from the north line and 1979.7' feet from the east line	
Ground Level Elev. 3813' GP	Producing Formation Morrow - upper
Pool wildcat	
Dedicated Acreage 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation **-**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **R. L. Lef**

Position

Associate reservoir

Company

Phillips Petroleum Company

Date

June 21, 1968

I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

5-1-67

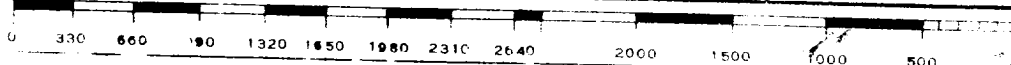
Date Surveyed

Registered Professional Engineer or Licensed Surveyor

Roger L. Lef

Section No.

557



COUNTY LEA FIELD Wildcat STATE NM 80-025-22131

OPR PHILLIPS PET. CO. MAP

1 Hat Mesa Unit

Sec. 11, T-21-S, R-32-E

1980' FNL, 1979' FEL of Sec. CO-ORD

Spd 5-27-67

Cmp 6-19-68

CSG & SX - TUBING	CLASS			
	FORMATION	DATUM	FORMATION	DATUM
16" 438' 700				
10 3/4" 5602' 800				
7 5/8" lnr 5153-12598' 1500				
5 1/2" lnr 11679-15309' 400				
LOGS EL GR RA IND HC A				

TD 15721', PBD 15110'

IP Morrow Perfs 13656-14138' CAOF 7514 MCFGPD. Pot. Based on 4-point test. SIWHP 4160#, GOR 356,000; Gravity (Gas) .612; Gravity (Cond.) 52.

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CONT.
DATE

PROP DEPTH 15,500' TYPE RT

F.R. 6-2-67; Elev. 3834' KB
PD 15,500' - Dev.
6-5-67 Drlg. 3380'.
6-12-67 TD 3913', fshg.
6-19-67 Drlg. 5280'.
6-26-67 TD 5602', rng csg.
7-3-67 Drlg. 7627'.
7-10-67 Drlg. 8888'.
7-17-67 Drlg. 9935'.
7-24-67 Drlg. 10536'.
7-31-67 Drlg. 11030'.
DST 10731-775', open 1 hr 30 mins,
Rec 5100' gas in DP + 30 gals GCM, w/tr. oil,
1 hr ISIP 627#, FP 65-65#,
1 hr 30 min FSIP 722#.

8-7-67 Drlg. 11536'.
DST 11161-329', open 2 hrs,
GTS 56 mins @ TSTM,
rec 180' HGCM + 1 pint oil,
1 hr ISIP 1210#, FP 142-161#,
2 hr FSIP 5551#.

8-14-67 Drlg. 12174' sh.

8-21-67 Drlg. 12551' sh.

8-28-67 Drlg. 12700'.

9-5-67 Drlg. 12953' lm & ch.

9-11-67 Drlg. 13284' sh.

9-18-67 Drlg. 13596' lm & sh.

9-25-67 TD 13683', prep to re-test.
Att. DST 13647-683', lost test tool.

10-2-67 Drlg. 14012'.

DST 13542-683', open 3 hrs,
Used 2600' WB,
GTS 56 mins @ 63.5 MCFGPD,
rec 2000' HGC WB + 600' MC WB,
1 hr ISIP 3891#, FP 1155-1194#,
2 hr FSIP 7122#.

10-9-67 Drlg. 14372' sh.
DST 13887-14070', open 1 hr 5 mins,
rec 10,257' gas in DP, 3500' GC WB +
270' GCM,
1 hr ISIP 6861#, FP 1584-1564#,
2 hr 37 min FSIP 6825#.

10-16-67 Drlg. 14855' lm & ch.

10-23-67 Drlg. 15088' 1m & sh.
DST 14800-949', open 2 hrs,
rec 9500' gas in DP, 4850' GC WB + 500'
GCM,
1 hr ISIP 8944#, FP 2264-2205#,
2 hr FSIP 9062#.
10-30-67 TD 15309', rng logs.
11-6-67 Drlg. 15466'.
11-13-67 TD 15721', fishing DP.
11-20-67 TD 15721', MORT.
DST 15555-721', open 2 hrs,
Used 3000' WB,
Rec 1300' WB, 3800' GCM & WB + 9671'
Salty Sul Wtr,
1 hr ISIP 6662#, FP 5980-6662#,
2 hr FSIP 6662#.

Lost two drill collars in hole-
Unable to recover
11-27-67 TD 15721', SI.
12-4-67 TD 15721', PBD 15110', testing.
Perf 14122-138' W/2 SPF
Swbd & Flwd to pits, SITP 3000#.
Flwd 185 MCFGPD for 3 hrs.
Flwd 203 MCFGPD for 14 hrs (14122-138')
12-11-67 TD 15721', PBD 15110', tstg.
Perf 13894-900', 13922-924', 14004-008',
14062-066', 14090-100' W/2 SPF
Flwd 339 MCFGPD thru 3/4" chk., TP 27#
(13894-14138')

12-11-67 Cont.
 Perf (U/Morrow) 13656-667', 13744-748',
 W/2 SPF
 Flwd 1843 MCFGPD for 4 hrs on 1/2" chk.,
 TP 325# (13656-14138')
 Flwd 1646 MCFGPD + 12 B Cond. on 15 hr
 test thru 24/64" chk., TP 800#.
 12-18-67 TD 15721', PBD 15110', SI BHP.
 Flwd 1633 MCFGPD + 15 B Cond. on 20 hr
 test thru 3/8" chk.
 1-2-68 TD 15721', PBD 15110', WO Pot.
 1-8-68 TD 15721', PBD 15110', tstg.
 Flwd 1050 MCFGPD + 7 B Cond., no time thru
 1/4" ch., TP 775-750#.
 Flwd 982 MCFGPD + 6 B Cond., no time thru 1/4"

chk., TP 700-650#.
 1-15-68 TD 15721', PBD 15110', SI BHP.
 1-22-68 TD 15721', PBD 15110', SI BHP.
 1-29-68 TD 15721', PBD 15110', SI BHP.
 2-5-68 TD 15721', PBD 15110', SI BHP.
 2-12-68 TD 15721', PBD 15110', SI BHP.
 2-19-68 TD 15721', PBD 15110', SI.
 2-26-68 TD 15721', PBD 15110', SI.
 3-4-68 TD 15721', PBD 15110', SI.
 3-11-68 TD 15721', PBD 15110', SI.
 3-18-68 TD 15721', PBD 15110', SI.
 3-25-68 TD 15721', PBD 15110', SI.
 4-8-68 TD 15721', PBD 15110', SI.
 4-15-68 TD 15721', PBD 15110', prep frac.
 4-22-68 TD 15721', PBD 15110', prep frac.
 4-29-68 TD 15721', PBD 15110', SI After Frac.
 Frac (13656-14138') 100,000 gals jelled
 brine + 90,000# sd.

5-6-68 TD 15721', PBD 15110', swbg.
 Swbd 50 BLW in 2 hrs.
 5-13-68 TD 15721', PBD 15110', flowing to clean up.
 5-20-68 TD 15721', PBD 15110', tstg.
 Flwd 1413 MCFGPD + 8 BLW + 5 B Cond. on
 24 hr test thru 3/8" chk., TP 575#.
 5-27-68 TD 15721', PBD 15110', SI.
 6-3-68 TD 15721', PBD 15110', SI Calc. AOF.
 Flwd 1330 MCFGPD + 2 B Cond. + 1/2 BLW
 on 24 hr test thru 1/4" chk., TP 1105#.
 6-10-68 TD 15721', PBD 15110', WO Pot.
 6-17-68 TD 15721', PBD 15110', WO Pot.
 6-24-68 TD 15721', PBD 15110', WO Pot.
 7-3-68 TD 15721', PBD 15110', WO Pot.

7-8-68 TD 15721', PBD 15110', COMPLETE
 FOUR-POINT TEST:

Gas Volume	Choke	Time	TP
774 MCFGPD	3/32"	1 hr	4017#
2932 MCFGPD	3/16"	1 hr	3465#
4422 MCFGPD	1/4"	1 hr	2865#
5422 MCFGPD	5/16"	1 hr	2255#

LOG: Rust 1553', Yates 3312', Capitan Reef
 3612', Delaware Mountain 5782', Bone Springs
 8771', Wolfcamp 11323', Strawn 12887', Morrow
 13588', Barnett Sh 14530', Mississippian
 14740', Woodford 15342', Devonian 15550'.
 Shut In Gas Well